



STEVAL-ISA106V1

1.5 A step-down switching regulator based on the L5973AD

Data brief

Features

- Max. output current $I_{out} = 1.5\text{ A}$
- Output voltages from 1.235 V to 35 V
- Operating input voltage ranges from 4 V to 36 V
- Internal switching frequency: 500 kHz
- Synchronization pin
- Short-circuit protection
- Inhibit pin
- Thermal shutdown
- RoHS compliant

Description

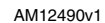
The STEVAL-ISA106V1 demonstration board provides a platform for evaluation of the L5973AD, a step-down monolithic power switching regulator capable of delivering up to 1.5 A of current at output voltages from 1.2 V to 35 V.

The input supply voltage of the STEVAL-ISA106V1 can range from 4 V to 36 V based on the rated voltage of the input capacitor, while the output voltage is adjustable from 1.235 V to V_{CC} .



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Figure 1. Schematic diagram



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
22-Aug-2012	1	Initial release.

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